

**Claims:**

1. A method of lining a drilled bore, the method comprising the steps of:  
providing a first tubular;  
locating the first tubular in a bore;  
providing an expandable, second tubular;  
locating the second tubular in the bore overlapping the first tubular;  
expanding a portion of the second tubular to create a coupling including a flow passage between the first tubular and the second tubular.
2. A method as claimed in claim 1, comprising:  
providing a first tubular having a profiled portion describing an internal diameter;  
providing an expandable, second tubular having an external diameter less than the internal diameter of the first tubular; and  
locating the second tubular in the bore overlapping the profiled portion of the first tubular.
3. A method as claimed in claim 1, comprising expanding the portion of the second tubular into contact with the first tubular to create the coupling.
4. A method as claimed in claim 1, comprising providing an expandable, second tubular having a profiled portion.
5. A method as claimed in claim 4, comprising expanding the profiled portion of the second tubular to create the coupling.

6. A method as claimed in claim 5, comprising expanding the profiled portion of the second tubular into contact with the first tubular.
7. A method as claimed in claim 1, comprising providing a first tubular having a profiled portion, and an expandable, second tubular also having a profiled portion, and expanding the profiled portion of the second tubular to create the coupling.
8. A method as claimed in claim 1, comprising expanding an upper end portion of the second tubular.
9. A method as claimed in claim 1, comprising flowing fluid via said flow passage, and then sealing the second tubular to the first tubular.
10. A method as claimed in claim 1, comprising providing a first tubular having a profiled lower end portion.
11. A method as claimed in claim 1, comprising creating a coupling between the first and second tubulars to provide a hanging support for the second tubular.
12. A method as claimed in claim 1, further comprising circulating cement into an annulus between the second tubular and a wall of the bore and displacing fluid from the annulus via the flow passage.
13. A method as claimed in claim 1, further comprising expanding the second tubular to a larger diameter below the coupling whilst maintaining the flow passage open.

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14. A method as claimed in claim 1, further comprising expanding the second tubular to an internal diameter substantially the same as an internal diameter of the first tubular.

15. A method as claimed in claim 1, further comprising sealing the second tubular to the first tubular to close the flow passage.

16. A method as claimed in claim 2, further comprising sealing the second tubular to the first tubular by expanding part of an upper end portion of the second tubular located above said profiled portion into sealing contact with a wall of the first tubular, to close the flow passage.

17. A method as claimed in claim 2, further comprising sealing the second tubular to the first tubular by expanding part of an upper end portion of the second tubular located below said profiled portion into sealing contact with a wall of the first tubular, to close the flow passage.

18. A method as claimed in claim 15, comprising providing a seal member between the first and second tubulars.

19. A method as claimed in claim 15, comprising sealing the second tubular to the first tubular by deforming both the first and second tubulars.

20. A method as claimed in claim 19, comprising deforming the first tubular by expansion of the portion of the second tubular into contact with the first tubular.

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21. A method as claimed in claim 1, further comprising expanding the portion of the second tubular to an internal diameter substantially equal to an internal diameter of the first tubular.

22. A method as claimed in claim 21, comprising providing a first tubular having a profiled portion of an internal diameter greater than an internal diameter of a remainder of the first tubular, to accommodate expansion of the second tubular.

23. A method as claimed in claim 1, further comprising expanding the second tubular from the top-down.

24. A method as claimed in claim 1, further comprising expanding the second tubular from the bottom-up.

25. A method as claimed in claim 15, further comprising circulating cement into an annulus between the second tubular and a wall of the bore and displacing fluid from the annulus via the flow passage prior to closing the flow passage.

26. A method as claimed in claim 21, further comprising circulating cement into an annulus between the second tubular and a wall of the bore and displacing fluid from the annulus via the flow passage.

27. A method as claimed in claim 1, further comprising expanding the second tubular to a larger diameter below the coupling whilst maintaining said flow passage open, and then sealing the second tubular to the first tubular to close the flow passage.

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28. A method as claimed in claim 19, further comprising expanding the second tubular to a larger diameter below the coupling whilst maintaining said flow passage open and then sealing the second tubular to the first tubular.

29. A method as claimed in claim 21, further comprising sealing the second tubular to the first tubular to close the flow passage.

30. A method as claimed in claim 1, comprising profiling at least part of the first tubular prior to location of the second tubular in the bore.

31. A method as claimed in claim 1, comprising profiling at least part of the second tubular following location of the second tubular in the bore.

32. A method as claimed in claim 31, comprising profiling the second tubular on expansion.

33. A method as claimed in claim 31, comprising expanding the second tubular and then profiling at least part of the second tubular.

34. A method as claimed in claim 33, comprising expanding and then profiling the second tubular in a single procedure.

35. A method as claimed in claim 33, comprising expanding and then profiling the second tubular in two separate procedures.

36. A method as claimed in claim 1, comprising expanding the second tubular to create a flow passage between an inner wall of the first tubular and an outer wall of the second tubular.

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37. A method as claimed in claim 1, comprising profiling at least part of the first tubular following location of the first tubular in the bore and prior to location of the second tubular in the bore, and then profiling at least part of the second tubular on expansion.

38. A method as claimed in claim 30, comprising shaping the first tubular to define a profiled portion.

39. A method as claimed in claim 30, comprising at least partly expanding a portion of the first tubular.

40. A method as claimed in claim 30, comprising forming at least one flute in the first tubular.

41. Bore-lining tubing comprising:

a first tubular;

an expandable, second tubular; and

a coupling between an expanded portion of the second tubular and the first tubular, said coupling including at least one flow passage between the first tubular and the second tubular.

42. Bore-lining tubing as claimed in claim 41, wherein the first tubular includes a profiled portion; and wherein the expandable, second tubular extends from the first tubular and overlaps the profiled portion.

43. Bore-lining tubing as claimed in claim 41, wherein the second tubular is adapted to be expanded into contact with the first tubular.

44. Bore-lining tubing as claimed in claim 42, wherein the coupling is formed between an upper end portion of the second tubular expanded into contact with the profiled portion of the first tubular.

45. Bore-lining tubing as claimed in claim 41, wherein the second tubular comprises a profiled portion.

46. Bore-lining tubing as claimed in claim 45, wherein the profiled portion of the second tubular is adapted to be expanded to create the coupling.

47. Bore-lining tubing as claimed in claim 46, wherein the profiled portion of the second tubular is adapted to be expanded into contact with the first tubular.

48. Bore-lining tubing as claimed in claim 41, wherein the first tubular comprises a profiled portion and wherein the second tubular also comprises a profiled portion, the profiled portion of the second tubular adapted to be expanded to create the coupling.

49. Bore-lining tubing as claimed in claim 41, comprising a seal member between the first and second tubulars for closing the flow passage.

50. Bore-lining tubing as claimed in claim 41, wherein the flow passage is for the flow of fluid via said passage.

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51. Bore-lining tubing as claimed in claim 41, wherein the first tubular comprises a profiled lower end portion.

52. Bore-lining tubing as claimed in claim 41, wherein the second tubular is adapted to be expanded at a level below the coupling.

53. Bore-lining tubing as claimed in claim 41, wherein the second tubular is adapted to be expanded to define an internal diameter substantially equal to an internal diameter defined by the first tubular.

54. Bore-lining tubing as claimed in claim 41, wherein the expandable, second tubular comprises an expandable solid tubular.

55. Bore-lining tubing as claimed in claim 41, wherein the first tubular includes at least one channel defining at least part of said flow passage.

56. Bore-lining tubing as claimed in claim 41, wherein the first tubular includes a plurality of channels around an internal circumference of the tubular, each channel defining at least part of a respective separate flow passage between the first and second tubulars.

57. Bore-lining tubing as claimed in claim 41, wherein the flow passage extends substantially axially with respect to the first tubular.

58. Bore-lining tubing as claimed in claim 41, wherein the flow passage extends substantially helically with respect to the first tubular.



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59. Bore-lining tubing as claimed in claim 55, wherein at least part of an inner wall of the first tubular defines an open-sided channel.

60. Bore-lining tubing as claimed in claim 59, wherein the open-sided channel, together with the second tubular, defines the flow passage.

61. Bore-lining tubing as claimed in claim 55, wherein the channel comprises a closed-sided channel.

62. Bore-lining tubing as claimed in claim 42, wherein the profiled portion of the first tubular and a remainder of the first tubular define respective internal diameters, and wherein the internal diameter of the profiled portion is less than the internal diameter of the remainder of the first tubular.

63. Bore-lining tubing as claimed in claim 42, wherein the profiled portion of the first tubular and a remainder of the first tubular define respective internal diameters, and wherein the internal diameter of the profiled portion is greater than the internal diameter of the remainder of the first tubular

64. Bore-lining tubing as claimed in claim 63, wherein the profiled portion of the first tubular and a remainder of the first tubular define respective external diameters, and wherein the external diameter of the profiled portion is greater than the external diameter of the remainder of the first tubular.

65. Bore-lining tubing as claimed in claim 41, wherein the first tubular includes a profiled portion which is profiled internally and externally and is deformable to close the flow passage by expansion of the second tubular.

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66. Bore-lining tubing as claimed in claim 65, wherein the profiled portion of the first tubular is corrugated.

67. Bore-lining tubing as claimed in claim 42, wherein the profiled portion of the first tubular includes at least one channel defining at least part of said flow passage.

68. Bore-lining tubing as claimed in claim 62, wherein the profiled portion of the first tubular includes at least one channel defining at least part of said flow passage.

69. Bore-lining tubing as claimed in claim 63, wherein the profiled portion of the first tubular includes at least one channel defining at least part of said flow passage.

70. Bore-lining tubing as claimed in claim 41, wherein the flow passage is provided between an inner wall of the first tubular and an outer wall of the second tubular.

71. Bore-lining tubing comprising a first tubular adapted to receive an expandable, second tubular therein and to have a portion of the second tubular expanded with respect to the first tubular, to define at least one flow passage therebetween.

72. Bore-lining tubing as claimed in claim 71, wherein the first tubular profiled portion comprises a profiled lower end portion.

73. Bore-lining tubing as claimed in claim 71, wherein the first tubular includes an inner wall, the inner wall having at least one channel adapted to define said flow passage.

74. Bore-lining tubing as claimed in claim 73, wherein the first tubular includes a plurality of channels spaced around an internal circumference of the tubular, each channel adapted to define separate flow passages.

75. Bore-lining tubing as claimed in claim 71, wherein the first tubular includes a profiled portion, and wherein the profiled portion and a remainder of the first tubular define respective internal diameters, the internal diameter of the profiled portion being less than the internal diameter of the remainder of the first tubular.

76. Bore-lining tubing as claimed in claim 71, wherein the first tubular includes a profiled portion, and wherein the profiled portion and a remainder of the first tubular define respective internal diameters, the internal diameter of the profiled portion being greater than the internal diameter of the remainder of the first tubular.

77. Bore-lining tubing as claimed in claim 76, wherein the profiled portion of the first tubular and a remainder of the first tubular define respective internal diameters, and wherein the external diameter of the profiled portion is greater than the external diameter of the remainder of the first tubular.

78. Bore-lining tubing as claimed in claim 71, wherein the first tubular includes a profiled portion which is profiled internally and externally and is deformable to close the flow passage by expansion of the second tubular.

79. Bore-lining tubing as claimed in claim 78, wherein the profiled portion is corrugated.

80. Bore-lining tubing comprising a tubular having a profiled portion defining at least one flow passage extending along the profiled portion.

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81. A method of lining a drilled bore, the method comprising the steps of:

providing a first tubular having a profiled portion describing an internal diameter;

locating the first tubular in a bore;

providing an expandable, second tubular having an external diameter less than the internal diameter of the first tubular;

locating the second tubular in the bore with an upper end of the second tubular overlapping the profiled portion of the first tubular;

expanding an upper end portion of the second tubular into contact with the profiled portion of the first tubular, to create a coupling including a flow passage between the first tubular and the second tubular;

flowing fluid via said flow passage; and then

sealing the second tubular to the first tubular.

82. Bore-lining tubing comprising:

a first tubular having a profiled portion, said first tubular located in a bore;

an expandable, second tubular extending from the first tubular and overlapping said profiled portion; and

a coupling formed between an upper end portion of the second tubular expanded into contact with the profiled portion of the first tubular, said coupling including at least one flow passage between the first tubular and the second tubular for the flow of fluid via said passage.

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83. Bore-lining tubing comprising a first tubular having a profiled portion, the first tubular adapted to receive an expandable, second tubular therein and to have an upper end portion of the second tubular expanded into contact with said profiled portion of the first tubular, to define at least one flow passage therebetween.